

Replacement Building Project

optimizes space and replaces substandard facilities using a design–build concept

One of Lawrence Livermore National Laboratory's highest priorities in infrastructure recapitalization is to replace substandard and inefficient facilities to improve the viability and productivity of the complex to meet mission.

The Laboratory's replacement buildings achieve results consistent with the National Nuclear Security Administration's corporate goals to reduce the deferred maintenance backlog, eliminate substandard facilities, enhance energy efficiency, and create an efficient work environment to attract and retain critical skills.

The Laboratory met its aggressive schedule of 15 months and within budget (~\$4.9M), which was made possible with the design–build concept.

Several additional replacement buildings are planned using Facility and Infrastructure Recapitalization Program (FIRP) funds that make this possible for projects under \$5M. Our goal over the next five years is to replace >100,000 square feet and relocate over 500 personnel out of substandard space.



Highlights

- Over 20,000 gsf with 100 offices averaging 120 sq ft each
- An excellent safety record with zero accidents and zero lost work days
- Aggressive schedule (15 months) from start to finish
- High quality and cost effective (~\$240/gsf)
- Wide spacious hallways
- Skylight and large windows throughout the building provide natural lighting
- Energy-efficient, sustainable design features:
 - Motion sensor and light switches
 - Reliable HVAC system
 - Irrigation, drought tolerant landscape, and exterior sun control devices



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